

## INFORMATION DISCLOSURE CITATION

Atty. Docket No.	08513.7030-00000	Appln. No.	09/743,621
Applicant	Ho et al.		
Filing Date	April 9, 2001	Group:	1714

RECEIVED  
MAY 22 2002  
TC 1700

## U.S. PATENT DOCUMENTS

Examiner Original	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
PRM MAY 20 2002	4,539,507	9/3/1995	VanSlyke et al.	313	504	3/25/1983

## FOREIGN PATENT DOCUMENTS

Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
WO 90/13148	01.11.1990	PCT			

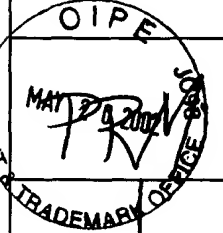
## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	B. O'Regan et al., "A Low-Cost, High-Efficiency Solar Cell Based On Dye-Sensitized Colloidal TiO <sub>2</sub> Films," Letters to Nature, vol. 353, 24 October 1991, pp. 737-740
5	Chiang et al., "Electrical Conductivity in Doped Polyacetylene," Physical Review Letters, vol. 39, no. 17, 24 October 1977, pp. 1098-1101
6	Hide et al., "Laser Emission From Solutions And Films Containing Semiconducting Polymer And Titanium Dioxide Nanocrystals," Chemical Physics Letters, vol 256 (1996), pp. 424-430
,	Schmitt et al., "Metal Nanoparticle/Polymer Superlattice Films: Fabrication And Control of Layer Structure," Advanced Materials, vol. 9, no. 1, 1997, pp. 61-65
9	Carter et al., "Enhanced Luminance In Polymer Composite Light-Emitting Devices," Appl. Phys. Lett. vol. 71, no. 9, 1 September 1997, pp. 1145-1147
1	Colvin et al., "Light-Emitting Diodes Made From Cadmium Selenide Nanocrystals And A Semiconducting Polymer," Letters to Nature, vol. 370, 4 August 1994, pp. 354-357
3	Halls et al., "Efficient Photodiodes From Interpenetrating Polymer Networks," Letters to Nature, vol. 376, 10 August 1995, pp. 498-500
4	Greenham et al., "Charge Separation And Transport In Conjugated-Polymer/Semiconductor-Nanocrystal Composites Studied By Photoluminescence Quenching and Photoconductivity," Physical Review B, vol. 54, no. 24, 15 December 1996-II, pp. 17628-17637

PR Michl 7/2/02

## INFORMATION DISCLOSURE CITATION

Atty. Docket No.	08513.7030-00000	Appln. No.	09/743,621
Applicant	Ho et al.		
Filing Date	April 9, 2001	Group:	1714

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	Sakai et al., "Preparation of Ultrafine Titanium Dioxide Particles Using Hydrolysis And Condensation Reactions In The Inner Aqueous Phase of Reversed Micelles: Effect of Alcohol Addition," Langmuir, vol. 14, no. 8 (1998), pp. 2208-2212
	M. P. Pileni, "Nanosized Particles Made In Colloidal Assemblies," Langmuir, vol. 13, no. 13 (1997), pp. 3266-3276
	Tanori et al., "Control of the Shape of Copper Metallic Particles By Using A Colloidal System as a Template," Langmuir, vol. 13, no. 4 (1997), pp. 639-646
	Arriagada et al., "Synthesis of Nanosize Silica in Aerosol OT Reverse Microemulsions," Journal of Colloid And Interface Science," vol. 170 (1995), pp. 8-17
	Chhabra et al., "Synthesis, Characterization, And Properties of Microemulsion-Mediated Nanophase TiO <sub>2</sub> Particles," Langmuir, vol. 11, no. 9 (1995), pp. 3307-3311
	Masse et al., "Crystal Morphology In Pristine And Doped Films of Poly(P-Phenylene Vinylene)," Journal of Materials Science," vol. 25 (1990), pp. 311-320
	T. Moritz et al., "Nanostructured Crystalline TiO <sub>2</sub> Through Growth Control And Stabilization Of Intermediate Structural Building Units," J. Phys. Chem. B, vol. 101, No. 41 (1997), pp. 8052-8053

Examiner	Date Considered
*Examiner:	Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce

PR Michl

7/2/02

RECEIVED  
MAY 22 2002  
TC 1700

OIP  
MAY 28 2002

OMB No. 0651-0011

# INFORMATION DISCLOSURE CITATION

Atty. Docket No.	08513.7036-00000	Appln. No.	09/743,621
Applicant	Ho et al.		
Filing Date	April 9, 2001	Group:	1714

RECEIVED  
JUN 03 2002  
TC 1700

U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS							
		Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No

COPY OF PAPERS  
ORIGINALLY FILED

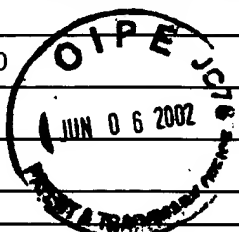
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
PRM	M. Ahlskog et al., "Doping and Conductivity Studies On Poly(p-phenylene vinylene)," Synthetic Metals, vol. 89 (1997), pp. 11-15
	C. C. Han et al., "Protonic Acids: Generally Applicable Dopants For Conducting Polymers," Synthetic Metals, vol. 30 (1989), pp. 123-131
	N. Camaioni et al., "Hall Mobility In Poly(4,4'-dipentoxo-2,2' bithiophene) As A Function Of The Doping Level," Applied Physics Letters, vol. 73, No. 2, 13 July 1998
	A. G. Macdiarmid et al., "Polyaniline: A New Concept In Conducting Polymers," Synthetic Metals, vol. 18 (1987), pp. 285-290
	A. R. Brown et al., "A Universal Relation Between Conductivity And Field-Effect Mobility In Doped Amorphous Organic Semiconductors," Synthetic Metals, vol. 68 (1994), pp. 65-70
	D. M. de Leeuw, "Stable Solutions Of Doped Thiophene Oligomers," Synthetic Metals, vol. 55-57 (1993), pp. 3597-3602

Examiner	Date Considered
*Examiner:	Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce

PRM Michl 7/2/02

## INFORMATION DISCLOSURE CITATION

Atty. Docket No.	08513.7030-00000	Appln. No.	09/743,621
Applicant	Ho et al.		
Filing Date	April 9, 2001	Group:	1714



RECEIVED  
JUN 11 2002  
TC 1700

## U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
PRM	4,911,903	3/27/1990	Unger et al.	423	335	7/12/1988
	5,395,604	3/7/1995	Harris et al.	423	335	5/3/1994
	5,874,029	2/23/1999	Subramaniam et al.	264	12	10/9/1996
	5,470,910	11/28/1995	Spanhel et al.	524	785	6/28/1994
	5,917,279	6/29/1999	Elschner et al.	313	506	11/12/1996
	6,183,658 B1	2/6/2001	Lesniak et al.	252	62.56	10/9/1998
	5,840,111	11/24/1998	Wiederhöft et al.	106	436	11/8/1996
	Publication No. 2001/0001453 A1	Pub. Date 5/24/2001	Thoraval	210	490	12/19/2000

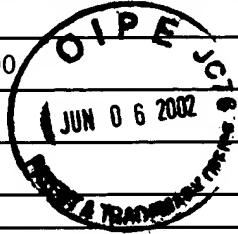
## FOREIGN PATENT DOCUMENTS

Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
WO92/21611					Yes
DE 19540623 A1	7.5.97	Germany			No
DE 19543205 A1	22.5.97	Germany			Yes
DE 19614136 A1	16.10.97	Germany			Yes
EP 0505230 A1	23.09.92	Europe			No
DE 4133621 A1	22.4.93	Germany			Yes
EP 0622439 A1	02.11.1994	Europe			
EP 0686448 A2	13.12.95	Europe			
EP 0774443 A1	21.05.1997	Europe			Yes
EP 0795941 A1	17.09.1997	Europe			
EP 0826633 A1	04.03.1998	Europe			
WO 97/24224	10.07.97	PCT			
WO 98/17378	30.04.98	PCT			English Abstract

PR Michl 7/2/02

## INFORMATION DISCLOSURE CITATION

Atty. Docket No.	08513.7030-00000	Appln. No.	09/743,621
Applicant	Ho et al.		
Filing Date	April 9, 2001	Group:	1714



RECEIVED  
JUN 11 2002  
TC 1700

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
PRM	Carter et al., "Enhanced Luminance in Polymer Composite Light-Emitting Devices," Applied Physics Letters, vol. 71, no. 9, 1 September 1997, pp. 1145-1147 *
	Dabbousi et al., "Electroluminescence From CdSe Quantum-Dot/Polymer Composites," Applied Physics Letters, vol. 66, no. 11, 13 March 1995, pp. 1316-1318 *

Examiner	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce

PR Mich 7/2/02